للهام الادائية للعام 2024/2023 الفصل الدراسي الثاني

التعليمية

محافظة إدارة

Task (1)

Energy Transfer in the Water Cycle

School book page 7 - page 8



A - Use the word bank to label each example with the correct part of water cycle

(condensation – evaporation – precipitation – runoff)

1- A shallow river dries up. ()

2- Snow falls on a cold afternoon ()

3- Fog forms over a field in the morning ()

4- Water in a river travel down a mountainside and ()
into the sea

b. Complete the following sentences:

1-The two basic factors of the water cycle are energy and	
force	
2. When the sun heats up water in the oceans it will	

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محافظة إدارة

Task (2)

Water cycle model

School book page 11-14

Fill in the model by selecting the correct words to show what is happening during each step [words may be used more than once]



a. you know that in order for a change in state to occur, energy must be either gained or lost, complete using words between brackets

(condensation - clouds - gain - loss - gravity)

- 1- When water vapour energy it changes into water
- 2- Water vapour loss energy and changes into water droplet in the form of
- 3- Force of cause water falls to the earth
- 4-Changing of water vapor to liquid water called process
- 5-When a liquid or gas energy it expands and becomes less dense and rises upward

b. Match each description of air motion and the process to indicate whether it is more likely to result in condensation or in evaporation

1-	Warm air rises and moves over cooler mountains	1	
2-	Energy from the sun heats the top layer of water in the sea	i	
3-	A puddle in a hot desert becomes smaller and smaller	1	j
4-	Warm, moist air touches a cold glass of tea	1	j

اللادة: Science

الصف: السادس

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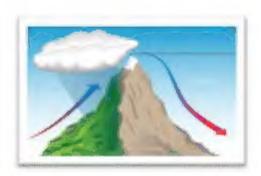
التعليمية

محافظة إدارة

Task (3)

Mountain Effects

School book page 23



A. order the steps to describe the process that causes this phenomenon, which is known as a rain shadow

Air cools	()	Humid air encounters a mountain range	()
Water vapor condenses	()	Air dries the land	()
Air rises	()	Air warms	()
Precipitation occurs	()	Air descends	()

B. Complete the following sentences from words between brackets to describe the properties at the top of mountains compared with those at the bottom

(the same - higher - lower)

At the bottom of the mountain	At the top of the mountain
Pressure – temperature – density	Pressure – temperature – density

محافظة

إدارة

التعليمية

Task (4)

Tools for forecasting

School book page 30

Meteorologists use different tools to study and forecast the weather

Device name:	
<u>Use:</u>	
Device name:	
Use:	

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محافظة إدارة

Task (5)

Different Environments, and different characteristics

School book page 47, 51

A - Think about what you have already learned about environments with different climatic characteristics and their effect on animal, How animals adapt to these environments?

1- Emperor penguin



2- African penguin



April 1981 To	,
Environment:	Environment:
Structural adaptation:	Structural adaptation:
445554445556445556445556445566455664556644566644566445664456644566445	***************************************
3- Poison dart frog	4- Lizard
Environment:	Environment:
Structural adaptation:	Structural adaptation:
10001111101111001111001111001111001111001111	1141440011140111441111144011144011440111144411144411144111144111144111114
B - Mention the reasons of bird mi	igration?

الاادة: Science

الصف : السادس

animals

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التعليمية

محافظة إدارة

Task (6)

Soil formation

School book page 63-	69		
A - Soll is all around us importance of soil and			me from? think about the he environment?

ingredients			anic ingredients and organic
inorganic ing	redients		organic ingredients
***************************************		*************	>>e++++>0+++=0+++>0+++>0+++>0+++>++++++++++
C - Complete using wo			quitoes – lions) soil in a bog
properties			
Retaining water			

Frog and

Gazelles and

الصف : السادس

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محافظة إدارة

Task (1)

Energy Transfer in the Water Cycle

School book page 7 – page 8



A - Use the word bank to label each example with the correct part of water cycle

(condensation - evaporation - precipitation - runoff)

- A shallow river dries up.
- Snow falls on a cold afternoon 2-
- 3-Fog forms over a field in the morning
- Water in a river travel down a mountainside and into the sea

evaporation precipitation condensation

runoff

b. Complete the following sentences:

- 1-The two basic factors of the water cycle are thermal energy and gravity force.
- 2- When the sun heats up water in the oceans, it will evaporate

الصف : السادس

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محافظة إدارة

Task (2)

Water cycle model



School book page 11-14

Fill in the model by selecting the correct words to show what is happening during each step



a. You know that in order for a change in state to occur, energy must be either gained or lost, complete using words between brackets

(condensation - clouds - gain - loss - gravity)

- 1- When water vapour loss energy it changes into water
- 2- Water vapour loss energy and changes into water droplet in the form of clouds
- 3- Force of gravity cause water falls to the earth
- 4-Changing of water vapor to liquid water called condensation process
- 5-When a liquid or gas gain energy it expands and becomes less dense and rises upward
- b. Match each description of air motion and the process to indicate whether it is more likely to result in condensation or in evaporation
 - I- Warm air rises and moves over cooler mountains
 - 2- Energy from the sun heats the top layer of water in the sea
 - 3- A puddle in a hot desert becomes smaller and smaller
 - 4- Warm, moist air touches a cold glass of tea

condensation evaporation evaporation condensation

محافظة

التعليمية

إدارة

Task (3) Mountain Effects



School book page 23



A. order the steps to describe the process that causes this phenomenon, which is known as a rain shadow

Air cools	3	Humid air encounters a mountain range	1
Water vapor condenses	4	Air dries the land	8
Air rises	2	Air warms	7
Precipitation occurs	5	Air descends	6

B. Complete the following sentences from words between brackets to describe the properties at the top of mountains compared with those at the bottom

(the same - higher - lower)

At the bottom of the mountain	At the top of the mountain
Pressure – temperature – density	Pressure – temperature – density
higher	<u>lower</u>

إدارة

Task (4)

Tools for forecasting



School book page 30

Meteorologists use different tools to study and forecast the weather

1- Device name: <u>Anemometer</u> Use: <u>measure wind speed</u>



2- Device name: rain gauge

Use: measure the amount of rain in a

certain area



3- Device name: barometer

Use: measure atmospheric pressure



4- Device name: satellite

Use:

- -it transmit data from the satellite or station to meteorologists.
- it detect the possible path of the hurricane.
- 5- Device name: <u>thermometer</u> Use: <u>measure temperature</u>





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محافظة إدارة

Task (5)



Different Environments, and different characteristics

School book page 47, 51

A - Think about what you have already learned about environments with different climatic characteristics and their effect on animal, How animals adapt to these environments?

1- Emperor penguin



2- African penguin



Environment: Antarctic
Structural adaptation: Fatty layer
and its skin is covered with dense
feathers

Environment: coast of South Africa
Structural adaptation: circle of skin
doesn't have any feathers around its
eyes

3- Poison dart frog



4- Lizard



Environment: <u>tropical rain forest</u> Structural adaptation: <u>colorful</u>

poisonous skin

Environment: desert

Structural adaptation: its body

covered with sandy - colored scales

B - Mention the reasons of bird migration?

- 1 To search for food resources.
- 2 To find suitable habitat that help them to reproduce.



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محافظة

Task (6)

Soil formation



School book page 63-69

a - Soil is all around us, but where does soil come from? think about the importance of soil and what role soil plays in the environment?

The soil has an important role to determine the type of plants that can grow in it, and also affects the species of animals which live in this environment



b. Classify the following ingredients into inorganic ingredients and organic ingredients

[insects - worms - water - remains of dead plants - air - rocks - bacteria]

organic ingredients	
insects - worms - remains of dead plants - bacteria - worms	

C - Complete using words between brackets: -

(low - wet - dry - high - mosquitoes - lions)

	Sand soil	soil in a bog
properties	dry	Wet
Retaining water	low	high
animals	Gazelles and lions	Frog and mosquitoes